# Use Attainability Analysis

for

WBID 1373 Panther Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 19, 2005

ин 1 9 2905

### Field Data Sheets for Recreational Use Stream Surveys



#### Data Sheet A - Water Body Identification

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: KA	dul	Date: G	[14	105

September 29, 2004 Page 1

#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:(	1-8 TEH	1	Site Location I		
Site GPS Coordinates:	4024786	4183188	N SI	to CEV	
Date & Time:	113165		Facility Name:	V. f. 4	
Personnel:	0,1	tu derson	Permit Number	Ti	
Current Weather Condit		or box sale	Weather Condi	tions for Past 7 days: Ra	in 2 Days as
Photo Ids: Upstream:	Qu 1373 -1 Dov	vnstream: (41)	30 /313-JOth		a pages as
	pariso II	~~ (	JU 1212 4	<del>,,,,,</del>	
s Observed*:					
Swimming	Skin diving	☐ SCI	UBA diving	Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boa	ating	Wading	Rafting
Transies	☐ Trapping	☐ Fish	ning	None of the above	Other:
Pastur 1	per of individuals rec	reating, freque	ency of use, photo	o-documentation of evidence	
Pasture Small or	per of individuals rec	reating, freque	ency of use, photo	o-documentation of evidence	of recreational uses, et
Postive Small on Smal	ns*: (Mark all that p	reating, frequency	pede recreational	uses. Attach photos of eviden	of recreational uses, etc
Postive   Small on Sm	ns*: (Mark all that p	reating, frequence or important	pede recreational	uses. Attach photos of evidence	of recreational uses, etc
Postive   Small conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that p	reating, frequence or important	pede recreational enservation lands forests	uses. Attach photos of evidence	of recreational uses, etc
Postribe: (include numb  Postro  Sroll or  Sroul or  Sroul or  Sroul or  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that p	reating, frequence or important	pede recreational enservation lands forests	uses. Attach photos of evidence	of recreational uses, etc
Postive   Small conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that p	reating, frequency of the second of the seco	pede recreational enservation lands forests	uses. Attach photos of evidence	of recreational uses, etc
Postive   Soul	ns*: (Mark all that p	oromote or important MDC con Steep slo	pede recreational enservation lands forests	uses. Attach photos of evidence  Urban areas  Nature trails  Other:	of recreational uses, etc

other items that may be of interest. (Include photographs)

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

5. -al Porther

## Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization

Page Two - WBID # 1373

Riffle Width	(ft):	Length (ft):	Avg. Depth (	ft):	Max. Depth	(ft):
Run Width	(ft): 75	Length (ft):	Avg. Depth (	ft): 18"	Max. Depth	(ft): 74
Pool Width	(ft):	Length (ft):	Avg. Depth (	ft):	Max. Depth	((b))
☐ Flow Preser	t? 🗓 Yes	☐ No	Estimated (ft	/sec):		
Downstream Vi	ew Physical	Dimensions:				
Riffle Width	(ft): 20 1	Length (ft): 30	Avg. Depth (	ft): 6"	Max. Depth	(ft): / 2 ''
Run Width	(ft):	Length (ft):	Avg. Depth (	ft):	Max. Depth	(ft):
Pool Width	(ft):	Length (ft):	Avg. Depth (	ft):	Max. Depth	(ft):
Flow Preser	t? Yes	□No	Estimated (ft	3/sec):		
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		ant of vegetation or algal	7	ssment site)		
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Sycor ater Characteri Odor:	stics*: (Mark	all that apply.)  Musky  Green	S S S S S S S S S S S S S S S S S S S	None	No. of the last of	Dwey
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#### Field Data Sheets for Recreational Use Stream Surveys

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#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

- K	373-2	Site Location	Jescription. 4	m1 - 1
Site GPS Coordinates:	452227	4183969 2 26	5 rap 316	RA
Date & Time: 6/13/04	1.10:58	Facility Name	•	
Personnel: D, O1	e a D. Her	Permit Number	r:	
Current Weather Condit	2.7		itions for Past 7 days:	w inosterday
Photo Ids: Upstream	A 1373 - Down	nstream: WBO 1323- 20th		
		201711 0		
es Observed*:				T
Swimming	Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boating	☐ Wading	Rafting
Hunting	Trapping	Fishing	None of the above	Other:
Gate For		eating, requeries of use, prior	o-documentation of evidence	of recreational uses, etc
Gate Fer	caffe		uses. Attach photos of evide	
Gate for	ns*: (Mark all that pi	romote or impede recreationa	uses. Attach photos of evide	nce or unusual
rounding Conditions of interest.)	ns*: (Mark all that pr	romote or impede recreationa	uses. Attach photos of evide	nce or unusual
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rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that property of the parks)    Playgrounds   State parks   Fence   Se*:	romote or impede recreationa  MDC conservation lands  National forests  Steep slopes	uses. Attach photos of evide  Urban areas  Nature trails  Other:	nce or unusual  Campgrounds  Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

#### Data Sheet B - Site Characterization

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Jpstream View			120.404			1941	41000 mm/10000		A .
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Pool Width	(ft):	Length (ft):		Avg. Depth (f	t):	M	lax. Depth	(ft):	
Tlow Presen	? Yes	□ No		Estimated (ft <sup>3</sup>	/sec):				
Downstream Vi	w Physical	Dimensions:							
Riffle Width	(ft):	Length (ft):		Avg. Depth (f	t):	N	lax. Depth	(ft):	
Run Width	(ft): 20	Length (ft):	120	Avg. Depth (f	t):   ( "	N	lax. Depth	(ft):	
Pool Width	(ft):	Length (ft):		Avg. Depth (f	t):	N	fax. Depth	(ft):	
Flow Presen	t? "Yes	☐ No		Estimated (ft <sup>3</sup>	/sec):				
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Smort Lu	eed		or algal gro	owth at the asses	sment site)				
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Smorto  Inter Characteris Odor: Color: Bottom Deposit: Surface Deposit: Imments: Please Is information is no Imprehensive understate Is information on the recreation	Sewage Clear Sludge Oil attach addit	all that apply.)  Musky Green Solids Scum ional comment	F s (include f a recreate sequently, conditions	Chemical Gray Fine sediments Foam Ing information this information that need further	None Milky None None n from in	ner is to p ded to dir that effe	Other: Other: Other: other: to this rovide a meetly influct another	form.	
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#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Site GPS Coordinates:	451383-4	1212814	12 25	+ crk			
Date & Time:	103	1100101	Facility Name:	9 01			
Personnel: ()	1. O . 12		Permit Number:				
Current Weather Condit			Weather Conditions for Past 7 days: Rain Dev House				
Photo Ids: Upstream		vnstream: W		170	a con Cross		
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s Observed*:							
Swimming	Skin diving	☐ SCI	UBA diving	Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	□Воа	ating	Wading	Rafting		
Hunting	Trapping	Fish	hino	None of the above	Other:		
Describe: (include numb	per of individuals rec		ency of use, photo-	-documentation of evidence	of recreational uses, e		
Describe: (include numb	ns*: (Mark all that		ency of use, photo-	-documentation of evidence	of recreational uses, e		
Describe: (include numb	per of individuals rec	promote or imp	ency of use, photo-	-documentation of evidence	of recreational uses, e		
Prounding Conditions of interest.)	ns*: (Mark all that	promote or imp	pede recreational unservation lands	-documentation of evidence	of recreational uses, e		
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## Data Sheet B - Site Characterization

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eam Morpholog Upstream View	W-077	Dimer	nsions:			1	hise m	ust be in	nche	
Riffle Width	Direct Co.		Length (ft):	60	Avg. Depth (ft):	: 16	2 M	fax. Depth (	(ft):	18
Run Width	(ft):		Length (ft):		Avg. Depth (ft):	:	N	fax. Depth (	(ft):	
Pool Width	(ft): .		Length (ft):		Avg. Depth (ft)	:	N	fax. Depth (	(ft):	
☐ Flow Presen	t? 🛚 Y	s 🗌	No		Estimated (ft <sup>3</sup> /se	ec):				
Downstream Vi	ew Physi	cal Dir	mensions:							
Riffle Width			Length (ft):		Avg. Depth (ft)	2)	N	lax. Depth (	(ft):	
K Run Width	(ft): 5	5	Length (ft):	60	Avg. Depth (ft)	: 18	N	Iax. Depth	(ft):	24
Pool Width			Length (ft):		Avg. Depth (ft)		N	Max. Depth		
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#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Site GPS Coordinates: e	1 40 6 400		Site Location Description:				
	150 182 -419	6854	CRI	1 & Parthe			
Date & Time:	30 6/19	sine	Facility Name:	1 1000	( 1		
Personnel:	Siela Ri.	11.1.	Permit Number:				
Current Weather Conditi	ions: Class	-	Weather Conditi	ions for Past 7 days:	12 2 dassacr		
Photo Ids: Upstream			M373-10the		- days age		
9	941017		71) 4				
es Observed*:	10.00-000-00-00-0			12			
Swimming	Skin diving	SCT	UBA diving	Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boa	ating	Wading	Rafting		
☐ Hunting	Trapping	☐ Fish	ning	None of the above	Other:		
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rrounding Condition			pede recreational u	uses. Attach photos of evider	nce or unusual		
- American Share and		romote or imp	pede recreational u	uses. Attach photos of evider	nce or unusual		
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rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that p  Playgrounds  State parks	romote or imp  MDC cor  National	nservation lands	Urban areas  Nature trails	Campgrounds		
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#### Data Sheet B - Site Characterization

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Run	Width (ft):		Ler	igth (ft):		Avg. Depth (	(ft):		M	ax. Depth (f	t):	
Pool	Width (ft):		Ler	ngth (ft):		Avg. Depth (	(ft):		M	ax. Depth (f	t):	
Flow	Present?	X Yes	☐ No			Estimated (ft	<sup>3</sup> /sec	:):				
Downstrea	m View l	Physical	Dime	neione.								
	Width (ft):	ny sieu		ngth (ft):		Avg. Depth (	(ft):		M	lax. Depth (f	it):	
Run	Width (ft):	30	Lei	ngth (ft):	60	Avg. Depth	(ft):	10	M	lax. Depth (f	ft): 1	8
Pool	Width (ft):			ngth (ft):	~	Avg. Depth	(ft):		M	lax. Depth (f		
Flow	Present?	Y Yes	☐ No	NE 107/2		Estimated (fi	t <sup>3</sup> /sec	:):				
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20 %	Cobble	60	% Grave	1 4	0 %	Sand 9	5	6 SIII	70 1	viud/Ciay	2	% Bedroc
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ater Chara	ecteristics					Chamical	1321	None		Other	- 1	ija:
Odor:		Sewage		Musky		Chemical		None		Other:	of the	
Odor:		Sewage Clear		Musky Green		Gray		Milky		Other: D	my,	
Odor: Color: Bottom Dep Surface Dep	posit:	Sewage Clear Sludge Oil		Musky Green Solids Scum		Gray Fine sediments Foam	内田口	Milky None None		Other: Other: Other:		9
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#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	1373-	5	Site Location De	escription:	
Site GPS Coordinates:	148 5328 4	186400	25	thred	
Date & Time:	12:05 6	113/05	Facility Name:		
Personnel: OUL	la DU.	a ce	Permit Number:		
Current Weather Condit	ions: Class	_	Weather Conditi	ons for Past 7 days:	meraw 2
Photo Ids: Upstream	30 180 2 - Dow	vnstreame. 12	8 1313 -50ther		eng
. 401	0000000	wo	D. 1.212-D		
es Observed*:					
Swimming	Skin diving	□ sc	UBA diving	Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□Воа	ating	Wading	Rafting
Hunting	Trapping	Fish	hing	None of the above	Other:
				-	
					3
rrounding Conditions	ns*: (Mark all that p	promote or imp	pede recreational u	ises. Attach photos of evider	nce or unusual
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ms of interest.)			nservation lands		T
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ms of interest.)  City/county parks  Boating accesses	☐ Playgrounds ☐ State parks Fence	☐ MDC cor	nservation lands forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds
ms of interest.)  City/county parks  Boating accesses  No trespass sign	☐ Playgrounds ☐ State parks Fence	☐ MDC con☐ National☐ Steep slo	nservation lands forests	Urban areas  Nature trails Other:  Livestock Watering	☐ Campgrounds ☐ Stairs/walkway
ms of interest.)  City/county parks  Boating accesses  No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	MDC con National Steep slo	nservation lands forests pes	Urban areas  Nature trails  Other:	☐ Campgrounds ☐ Stairs/walkway
City/county parks  City/county parks  Boating accesses  No trespass sign  Addence of Human Usi  Roads  Rope swings  Other:  County parks  Boating accesses  No trespass sign	Playgrounds  State parks  Fence  Se*:  Camping Sites  Attach a map of of interest. (Included)	MDC con National Steep slo  This D Secretary D Secreta	nservation lands forests pes  Oock/platform ire pit/ring  nent with assess: raphs) a decision on any of	Urban areas  Nature trails Other:  Livestock Watering	☐ Campgrounds ☐ Stairs/walkway ☐ RV / ATV Track ☐ Fishing Tackle ed. Mark any

#### Data Sheet B - Site Characterization

Page Two - WBID # 1373 -5

Stream Morphol Upstream Vie		sical Di	mensions:									
Fig. 20 and a second at the second	dth (ft):	Jiear Di	Length (f	ft):		Avg. Depth (f	ft):		M	ax. Depth	(ft):	
Run Wic	dth (ft):		Length (f	(t):		Avg. Depth (f				ax. Depth		
	dth (ft):	30	Length (f			Avg. Depth (f		2'		ax. Depth	30.74	士'
☐ Flow Pres	sent?	Yes	□No	, ,	, _	Estimated (ft <sup>3</sup>						0
			20							FI		
Downstream '	View F	Physical	Dimension	1S:								
Riffle Wid	dth (ft):	15	Length (	ft): 10	0	Avg. Depth (f	ft):	18	M	ax. Depth	(ft):	24
☐ Run Wid	dth (ft):		Length (	ft):		Avg. Depth (f	ft):	3	M	ax. Depth	(ft):	
Pool Wid	dth (ft):	-	Length (	ft):		Avg. Depth (f	ft):		M	ax. Depth	(ft):	
☐ Flow Pres	sent?	Yes	☐ No			Estimated (ft <sup>3</sup>	3/sec):					
	A-1-1											
Substrate*: (The	ese value	s should	add up to 100	%.)								
40 % Cot			6 Gravel		% Sand	5	%	Silt	5 % N	Mud/Clay	0	% Bedrock
Water Characte		Carl Street								CXF FIRE	. 80	al XIII Hitt.
Odor:		Sewage	Musl			mical	N			Other:		
Color:	27.7	Clear	Gree			у попи		lilky	* - E	Other:	THE TRUE	
Bottom Deposit		Sludge	Solid	100.00		sediments	DI		93 L	1011111	ZSAG-7E	F. P. Carlot
Surface Deposit	tre 🔲	Oil	Scun	1	Foa	m	XN	one		Other:		
*This information is comprehensive unde decision on the recre	not to berstanding	e used so g of wate e analysis	lely for remover conditions.  but may point	val of a rec Conseque at to cond	creation ently, the	al use designates information at need further	ation la is no er ana	out rather t intende ysis or th	is to particular is to	rovide a more cuty influence another to reporte	form.  ore  once a  use.	
Signed:	TH	rde				Date:	6	-14	0	)		
Organization:		NO	R			Position	n:	-14 89	34			_

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JUN 14 2005

Private 4199 Private WB1373-002 Private County, Rd 350 Private Private WB1373-003 375th enarrers State Hwy V Polk & Hickory Counties, Missouri **U188** EL CONTROLES Panther Cr. (WB1373) County Rd 11 Cypress County Rd SE1200 Private Ohio Mary Anthur WB1373-004 แทย Private **V197** 25th Buchenen SEEFINITE Private **Willi** Private 316th 310th WB1373-005 Complete Tenth 327th State Hwy N Unnamed 330th First Private